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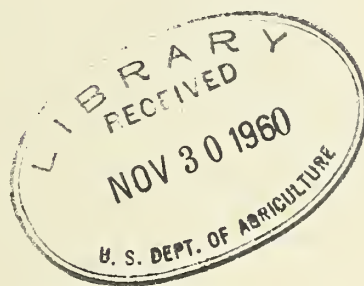
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TABLE OF CARLOT CONVERSION FACTORS

FRUITS AND VEGETABLES

Effective January 1, 1960



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
FRUIT AND VEGETABLE DIVISION
MARKET NEWS BRANCH
WASHINGTON 25, D. C.

The conversion factors outlined in this table are to be used by all fruit and vegetable Market News offices for converting truck and boat shipments and receipts to approximate rail carlot equivalents, effective January 1, 1960, and until this table is further amended.

This is a condensed conversion table for the entire country. Packages most commonly used in the more important producing areas are the bases for developing factors for each product. The factors shown represent the most common load or average of common loads from areas shipping in volume via rail. There may be instances where certain factors do not coincide with the actual rail loadings from some areas. However, offices in such areas should not deviate from these factors.

Figures shown in parentheses adjacent to package descriptions are the estimated approximate average net weights for the products in those packages. Actual weights of individual packages will vary according to variety, size and type of pack.

Some shipping areas, especially those near large consuming centers, will use packages other than those listed for a particular product. A ratio table is shown on page 7 to facilitate determining a factor to be used for such packages. Develop new factors only for packages that are used in volume. An estimated arbitrary average can be determined to take care of receipts in various minor packages. The ratio table is based upon package cubical contents - using a bushel as the common denominator. When calculating a new factor on this basis, use 2150 cubic inches as a bushel. A calculated factor should be rounded to the nearest 10 or 20 depending upon the quantity; example: a computed factor of 356 would be used as 360; 712 would be 720; etc. If practicable, arbitrarily use a factor for which there is a printed "tenths" conversion card. When unable to determine a factor by use of the ratio table, the net weights shown in the conversion table may be used as the basis for a desired new factor.

A table is shown on page 3 outlining percentages of increase for new factors compared with those in effect 1950-59 where such differences exist in the present table. Another column is shown in this table which indicates percentages that can be applied to published data on truck movements prior to January 1, 1960, which will adjust that data to the same conversion factor bases used since January 1, 1960. Generally speaking, the conversion factors used during the period 1950-59 coincided closely with average rail loads for the same period through 1957. Rail carlot loads were generally increased in 1958 and 1959 closely coinciding with the factors published in this table. Some commodities experienced no increased load volume as indicated by their absence from the comparative table appearing on page 3.

Factors for a few miscellaneous products, such as Christmas trees, coconuts, peanuts and pecans, are shown at the bottom of page 3. These are for information and use of offices which usually report such products. Those offices are reminded not to include unloads of this particular group of miscellaneous products in their commodity total and State total summary tables.

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PERCENTAGE CHANGES - REVISED FACTORS

COLUMN (1) - Indicates percentages 1950-59 factors have been increased.

COLUMN (2) - Apply percentages shown in this column to adjust truck data published prior to January 1, 1960 to compare equitably with releases after January 1, 1960. (This should be done only when 1950-59 data shown in future releases do not specifically indicate that adjustment has already been made.) EXAMPLE: Florida celery truck shipments of 348 cars for a certain period of 1959 would be adjusted to 282 (348 x .81 = 282).

COMMODITY	(1)	(2)	COMMODITY	(1)	(2)
<u>CITRUS FRUITS</u>	Per Cent		<u>VEGETABLES</u>	Per Cent	
Arizona and California	9	92	Asparagus	11	90
<u>DECIDUOUS FRUITS</u>			Beans, all types	5	95
Apples			Cabbage	4	96
East and Midwest	23	81	Carrots, Topped		
West	2	98	Loose, various packages	20	83
Cherries	7	93	Celery		
Peaches			Florida	24	81
East and Midwest	38	72	All other States	7	93
West	7	93	Corn	20	83
<u>MELONS</u>			Cucumbers	38	72
Cantaloups	33	75	Eggplant	21	83
Honeydews, Persians and other			Escarole and Endive	10	91
cantaloup type melons	20	83	Greens	7	93
<u>POTATOES</u>			Onions, Dry	35	74
Gulf and Atlantic States			Peppers	7	93
thru Delaware	43	70	Squash		
Montana, Wyoming, Nebraska,			Summer, soft	44	69
Colorado, New Mexico and			Winter	33	75
West	19	84	Sweetpotatoes	20	83
Maine	25	80	Tomatoes		
All other States	10	91	West and Southwest	20	83
			All other areas	40	71
			Topped Vegetables (Beets,		
			turnips and rutabagas)	17	85

CONVERSION FACTORS - MISCELLANEOUS PRODUCTS

COMMODITY	FACTOR	COMMODITY	FACTOR
<u>CHRISTMAS TREES</u> (Avg. Size 5-8 ft.)		<u>PEANUTS</u>	
Bundles	500	Unshelled (Cleaned) - Bags (100)	400
Trees per car	2,000	Shelled - Bags (115)	430
<u>COCONUTS</u>		<u>PECANS</u>	
Half bags (80)	400	Unshelled - Bags (125)	320
Bags (160)	200	Shelled - 12 5-lb Ctns. (60)	500

NOTE: Figures in parentheses adjacent to package descriptions indicate estimated approximate net weights in pounds.

COMMODITY AND PACKAGE	FACTOR
<u>ANISE</u>	
WGA Crate (60-65)	340
16" Crate (35-40)	480
<u>APPLES</u>	
Approx. Bu. Box, Ctn., or Consumer packs in Master Container (40-45)	820
Bushel Basket (45-48)	800
<u>APRICOTS</u>	
Various Western Lugs (25-26) . .	1,000
14-lb. Lug (14)	1,600
<u>ARTICHOKES</u>	
7" Box (20-25)	900
<u>ASPARAGUS</u>	
Pyramid Crate (30-33)	720
<u>AVOCADOS</u>	
1-layer Flat or Carton (13) . . .	2,150
Box or Carton (40)	700
Other pkgs. or loose - pounds . .	28,000
<u>BANANAS</u>	
Pounds	22,000
<u>BEANS, ALL TYPES</u>	
Bu. Bskt., Hamper & Crt. (28-30)	650
<u>BEETS (Bunched)</u>	
1/2 WGA Crt. or 10" W.B. (45) . .	640
Bunches	20,000
<u>BERRIES</u> - also cherries & other items packed in berry crates	
24-quart Crate	400
16- " "	600
36-pint "	470
24- " "	700
12- " Tray	1,400
12-half pint Tray	1,550
<u>BROCCOLI</u>	
Western Pony Crate (40-42) . . .	400
14-bunch Crate (20-23)	800
<u>BRUSSELS SPROUTS</u>	
Drums (25)	900
Bushel Basket (35)	650

COMMODITY AND PACKAGE	FACTOR
<u>CABBAGE</u>	
1-3/4 Crt., Carton (50-55) . . .	520
50-lb. Sack	520
WGA Crate (75-80)	340
Bulk, pounds	26,000
<u>CARROTS (Bunched)</u>	
2/3 WGA Crt. (4 doz.) (45-50) .	480
<u>CARROTS (Topped)</u>	
Film Bag 48's (Master Cont.) (48-50)	600
" " 24's " " (24)	1,200
Various pkgs. or loose - pounds	36,000
<u>CAULIFLOWER</u>	
WGA Crate - Untrimmed (60) . . .	340
Catskill or L.I. Crate (45-50) .	400
Western Pony Crate (40)	500
Flat Crt. & Ctn., 12's Trimmed (23)	900
<u>CELERY</u>	
16" Crt. - Florida (55)	560
" " - Other States (55-60)	480
Cartons - All States (30) . . .	900
<u>CHERRIES</u>	
15 to 16-lb. Lug, faced	1,500
12-lb. Lug, loose	1,800
14-lb. " "	1,600
20-lb. " "	1,100
<u>CHINESE CABBAGE</u>	
16" Crate (50)	560
WGA Crate (85)	340
<u>C I T R U S</u>	
<u>GRAPEFRUIT, LEMONS, ORANGES & TANGERINES</u>	
Full size boxes	500
Cartons and half boxes	1,000
Other pkgs. or bulk - pounds:	
<u>FLORIDA:</u> Grapefruit	37,000
Oranges	43,000
Tangerines	38,000
<u>OTHER STATES:</u> Grapefruit	32,000
Lemons	37,000
Oranges	37,000
Tangerines	38,000
<u>LIMES</u> - All areas	
Flat or carton (11-13)	2,150
Box or Carton (40)	700
Other pkgs. or loose - pounds . .	28,000

NOTE: Figures in parentheses adjacent to package descriptions indicate estimated approximate net weights in pounds.

COMMODITY AND PACKAGE	FACTOR
<u>CORN, GREEN</u>	
Corn Crate or Sack (40-45)	600
<u>CRANBERRIES</u>	
Carton, 24 1-lb. bags	1,000
<u>CUCUMBERS</u>	
Bu. Bskt., Hamper or Crt. (50-55)	620
L.A. Lug (28-30)	1,100
Carton (20)	1,500
<u>EGGPLANT</u>	
Bu. Bskt., Hamper or Crt. (30)	750
L. A. Lug (20-22)	1,000
<u>ESCAROLE, ENDIVE, CHICORY</u>	
WGA Crate (60)	350
1-1/9 Bu. W.B. Crate (28)	750
<u>FIELD PEAS</u>	
Bu. Bskt., Hamper or Crt. (30)	650
<u>FIGS</u>	
Various Flats - pounds	18,000
<u>GARLIC</u>	
50-lb. Sack	600
L. A. Lug	1,000
<u>GRAPES</u>	
Table, West. Lug (18-20)	1,400
" , West. Lug or Ctn. (24-28)	1,000
" , Chests	800
Juice Stock, lidded or unlidded	
Lugs - pounds	32,000
Eastern: 8 2-qt. Crts. (24-25)	1,100
" 12-qt. Bskt. (18-20)	1,250
<u>GREENS - All types including Spinach</u>	
WGA Crate (45)	350
Bu. Bskt., Hamper or Crt. (20)	750
<u>HORSERADISH</u>	
Pounds	22,000
<u>KOHLRABI</u>	
Bushel Basket (30)	650
Bunches (about 30 per bushel)	20,000

COMMODITY AND PACKAGE	FACTOR
<u>LETTUCE & ROMAINE</u>	
Carton (40-45)	640
WGA Crate (65-75)	320
Eastern Iceberg Crt. (35)	500
" Big Boston Crt. (18-20)	650
Hothouse - 24 qt. or 10 lb. Bskt.	1,200
<u>MANGOES</u>	
1-layer Flat or Ctn. (13)	2,150
Box or Carton (40)	700
Other pkgs. or loose - pounds	28,000
<u>MELONS</u>	
<u>CANTALOUPS</u>	
Jumbo Crate (80)	400
Bu. Bskt., Hamper or Crate (47)	700
<u>HONEYDEWS & MISCELLANEOUS MELONS</u>	
Various flat Crates (40-45)	600
Bu. Bskt., Hamper or Crate (37)	700
<u>WATERMELONS</u>	
Various sizes - pounds	28,000
<u>MUSHROOMS</u>	
Pounds	10,000
<u>NECTARINES</u>	
2-layer Lug or Ctn. (18-24)	1,100
4-basket Crate (27)	1,000
<u>OKRA</u>	
Bu. Bskt., Hamper or Crate (30)	650
L.A. Lug (18)	1,100
<u>ONIONS, DRY</u>	
50-lb. Sack:	
Early areas (April 1 - July 31)	700
Other areas (Entire season)	800
<u>ONIONS, GREEN</u>	
WGA Crate (60)	350
2/3 WGA Crate (44)	430
16" Sturdee Crate (35)	550
Dozen bunches (4)	5,000
<u>PAPAYAS</u>	
Pkgs. or loose - pounds	28,000
<u>PARSLEY</u>	
1-1/9 bu. Crt. (App. 5 doz. bun.)	700
Bunches	40,000

NOTE: Figures in parentheses adjacent to package descriptions indicate estimated approximate net weights in pounds.

COMMODITY AND PACKAGE	FACTOR
<u>PEACHES</u>	
2-layer Lug (24)	1,100
Western Peach Box (18)	1,500
Bu. Basket or Box (45-50)	550
3/4 Bu. Basket (38)	730
1/2 " " (25)	1,100
<u>PEARS</u>	
Western Box & 1-Way Lug (45-48)	750
L.A. Lug (22-26)	1,400
Bushel Basket (45-50)	600
<u>PEAS, GREEN</u>	
Bu. Bskt., Hamper or Tub (26-28)	700
WGA Crate (55-60)	340
<u>PEPPERS</u>	
Bu. Bskt., Hamper or Crt. (29-30)	750
1-1/2 Bu. Crate (45)	480
Carton (30)	750
L.A. Lug (18)	1,200
<u>PERSIMMONS</u>	
1-layer Flat (10-12)	2,000
2-layer Flat (20-24)	1,000
<u>PINEAPPLES</u>	
1/2 Crate (35)	700
Bulk - pounds	24,000
<u>PLUMS & FRESH PRUNES</u>	
4-bskt. Crt. or L.A. Lug (27-30)	1,000
1/2 Bu. Basket (30)	900
Northwestern Prune Lug (12)	1,800
" " " (15)	1,500
<u>POMEGRANATES</u>	
L.A. Lug	1,000
<u>POTATOES</u>	
All size and type packages - pounds	
MAINE	50,000
ALL OTHER STATES	43,000

COMMODITY AND PACKAGE	FACTOR
<u>RADISHES</u>	
16-qt. Bskt. (6-8 oz. film) (15)	1,600
Various pkgs. or loose - pounds	36,000
Bunches - WGA Crate - local pack	350
Bunches	35,000
<u>RHUBARB</u>	
Cases (10 5-lb. Ctns.) (50)	400
Western Box (15)	1,200
Western Apple Box (35)	600
Bundles - dozen bunches	2,000
<u>SQUASH (Summer, Soft)</u>	
Bu. Bskt., Hamper or Crate (40)	650
1-1/9 Bu. Crate (44)	600
1/2 Bu. Bskt. or Crate (20)	1,300
L.A. Lug (24)	1,100
<u>SQUASH (Winter) & PUMPKINS</u>	
Bu. Bskt., Hamper or Crate (50)	650
Bulk - pounds	32,000
<u>SWEETPOTATOES</u>	
Bu. Bskt., Hamper or Crate (50)	600
Carton (40)	750
100-lb. Sack	300
<u>TOMATOES</u>	
Crate (60)	500
Carton (40)	750
Lug (28-32)	800
2-layer Flat (18-20)	1,200
8-qt. Bskt. - Hothouse (8)	3,600
Cartons - Consumer Pack - pounds	28,000
<u>TOPPED VEGETABLES - Beets, Celeriac, Parsnips, Parsley Root, Turnips, Rutabagas and similar vegetables:</u>	
Bu. Bskt. & 50-lb. Sack	700
<u>TURNIPS WITH TOPS</u>	
WGA Crate (65-70)	350
1/2 WGA Crate (35)	700
Bu. Bskt. or Crate (29)	850
Dozen Bunches	1,000

RATIO TABLE

Examples for determining comparable factors by use of this table: (1) North Carolina beans in 5-peck ($1\frac{1}{4}$ bu.) hampers - common package bushel basket, factor 650. Table below indicates to multiply 650 by .80 which equals 520 5-peck hampers. (2) California lemons in LA lugs - common package standard box (capacity closer to $1\frac{1}{2}$ bushel than any other unit shown in ratio table), factor 500. Table below indicates to multiply 500 by 2.58 which equals 1290 LA lugs. Apply all factors to the closest ten or twenty.

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	1-3/5 Bu	1-1/2 Bu	1-1/2 5-Pk	1-1/9 Bu	1 Bu	4/5 Bu	3/4 Bu 24-Qt	5/8 Bu 16-Qt	1/2 Bu 12-Qt	3/8 Bu 8-Qt	1/4 Bu 4-Qt	WGA Crate	2/3 WGA Crate	1/2 WGA Crate	L A Lug
1-3/5 Bu	1.00	1.07	1.28	1.44	1.60	2.00	2.13	2.56	3.20	4.27	6.40	.65	.94	1.30	2.75
1-1/2 Bu	.94	1.00	1.20	1.35	1.50	1.88	2.00	2.40	3.00	4.00	6.00	.61	.88	1.22	2.58
1-1/4 Bu 5-Pk	.78	.83	1.00	1.13	1.25	1.56	1.67	2.00	2.50	3.33	5.00	.51	.74	1.02	2.15
1-1/9 Bu	.69	.74	.89	1.00	1.11	1.39	1.48	1.79	2.22	2.92	4.44	.45	.65	.90	1.91
1 Bu	.62	.67	.80	.90	1.00	1.25	1.33	1.60	2.00	2.67	4.00	.41	.59	.81	1.72
4/5 Bu	.50	.53	.64	.72	.80	1.00	1.07	1.29	1.60	2.10	3.20	.33	.47	.65	1.38
3/4 Bu 24-Qt	.47	.50	.60	.68	.75	.94	1.00	1.20	1.50	2.00	3.00	.30	.44	.61	1.29
5/8 Bu	.39	.42	.50	.56	.62	.78	.83	1.00	1.25	1.67	2.50	.25	.36	.50	1.07
1/2 Bu 16-Qt	.31	.33	.40	.45	.50	.62	.67	.80	1.00	1.33	2.00	.20	.29	.41	.86
3/8 Bu 12-Qt	.24	.25	.30	.34	.38	.48	.50	.60	.75	1.00	1.50	.15	.22	.31	.64
1/4 Bu 8-Qt	.16	.17	.20	.23	.25	.31	.33	.40	.50	.67	1.00	.10	.15	.20	.43
WGA Crate	1.54	1.64	1.97	2.21	2.46	3.08	3.28	3.97	4.92	6.47	9.84	1.00	1.45	2.00	4.24
2/3 WGA Crate	1.06	1.13	1.36	1.53	1.70	2.12	2.27	2.74	3.40	4.47	6.80	.69	1.00	1.38	2.93
1/2 WGA Crate	.77	.82	.98	1.11	1.23	1.54	1.64	1.98	2.46	3.24	4.92	.50	.72	1.00	2.12
L A Lug	.36	.39	.46	.52	.58	.72	.77	.93	1.16	1.55	2.32	.24	.34	.47	1.00

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